МАТЕМАТИЧЕСКИЙ СБОРНИК
Том 134 (176) (1987), вв. 1–4
MATHEMATICS OF THE USSR—SBORNIK
Volume 62, Numbers 1–2, 1989

AUTHOR INDEX

Airapetyan, R. A. *Extension of CR-functions from piecewise smooth CR-manifolds* 111
Aminov, Yu. A. *A multidimensional generalization of the Gauss-Bonnet formula for vector fields in Euclidean space* 139
Andrianov, A. N. *Spherical theta series* 289
Andrunakievich, V. A. and Ryabukhin, Yu. M. *Quasiregularity and primitivity relative to right ideals of a ring* 445
Arkhipov, G. I. and Oskolkov, K. I. *On a special trigonometric series and its applications* 145
Borisenko, A. A. and Yampol'skiĭ, A. L. *On the Sasaki metric of the normal bundle of a submanifold in a Riemannian space* 157
Brailov, A. V. and Fomenko, A. T. *The topology of integral submanifolds of completely integrable Hamiltonian systems* 373
Egorov, Yu. V. and Kondrat'ev, V. A. *On an estimate of the number of points of the negative spectrum of the Schrödinger operator* 551
Fomenko, A. T. See Brailov, A. V.
Fursikov, A. V. *On uniqueness of the solution of the chain of moment equations corresponding to the three-dimensional Navier-Stokes system* 465
Gerasimov, V. N. *The group of units of a free product of rings* 41
Gonchar, A. A. and Rakhmanov, E. A. *Equilibrium distributions and degree of rational approximation of analytic functions* 305
Gushchin, A. K. and Mikhailov, V. P. *Comparison theorems for solutions of hyperbolic equations* 349
Ivanov, V. I. *Approximation in L_p by polynomials in the Walsh system* 385
Kalinin, I. O. *Realization of quadratic forms by smooth manifolds* 177
Khasanov, S. V. See Pinchuk, S. I.
Kitaev, A. V. *The method of isomonodromy deformations and the asymptotics of solutions of the "complete" third Painlevé equation* 421
Kondrat'ev, V. A. See Egorov, Yu. V.
Korobov, V. I. and Sklyar, G. M. *Time optimality and the power moment problem* 185
Krotov, V. G. *On the smoothness of Luzin primitives and on theorems of Men'shov and Bari* 403

Leont'ev, A. F. *Representation of functions by generalized exponential series* .. 491
Medvedev, V. S. *On the index of invariant domains of homeomorphisms of two-dimensional manifolds* 207
Mikhailov, V. P. See Gushchin, A. K.
Molev, A. I. *On the algebraic structure of the Lie algebra of vector fields on the line* 83
Oskolkov, K. I. See Arkhipov, G. I.
Pinchuk, S. I. and Khasanov, S. V. *Asymptotically holomorphic functions and their applications* 541
Pronchatov, V. E. *On an error estimate for the averaging method in a two-frequency problem* 29
Rakhmanov, E. A. See Gonchar, A. A.
Ryabukhin, Yu. M. See Andrunakievich, V. A.
Safaryan, R. G. *Branching diffusion processes and systems of reaction-diffusion differential equations* 525
Shakhmurov, V. B. *Imbedding theorems for abstract function spaces and their applications* 261
Shtaras, A. L. [Štaras, A.], *The averaging method for weakly nonlinear operator equations* 223
Sklyar, G. M. See Korobov, V. I.
Starkov, A. N. *Solvable homogeneous flows* 243
Temlyakov, V. N. *Estimates of the best bilinear approximations of functions of two variables and some of their applications* 95
Trofimov, V. I. *Asymptotic behavior of automorphisms of graphs* 277
Tunitskii, D. V. *On the regular isometric immersion in E^3 of unbounded domains of negative curvature* 121
Varchenko, A. N. *The period map and the discriminant* 65
Yampol'skii, A. L. See Borisenko, A. A.
Yulmukhametov, R. S. *Approximation of homogeneous subharmonic functions* 507
Zhdanova, G. V. *Asymptotics of the solution of the Dirichlet problem for the system of elasticity theory in the exterior of a thin body of revolution* 1

ABCDEFGHIJ — 89